



# TWO-DAY WORKSHOP ON Research Methodology (Hybrid Mode)



in association with  
**DEPARTMENT OF HIGHER EDUCATION, U.P.**

Organized by  
**Netaji Subhash Chandra Bose Govt. Girls P.G. College, Aliganj, Lucknow**

**DECEMBER 23 - 24, 2025**



**Prof. Amit Bhardwaj**

Patron

Director, Department of Higher Education (U.P.)



**Prof. B.L. Sharma**

Assistant Director, Department of Higher Education (U.P.)



**Prof. Ashwini Kumar Mishra**

RHEO, Lucknow (U.P.)



**Prof. Rashmi Bishnoi**

Principal

## PANEL OF EMINENT SPEAKERS



**Prof. Awadhesh Kumar Singh**

Maharaja Agrasen University  
Solon,  
Himachal Pradesh



**Dr. Shailesh Kaushal**

Department of Management,  
University of Lucknow  
Lucknow



**Dr. Zaibun Nisa**

Department of Commerce  
KMC Language University,  
Lucknow



**Dr. Manoj Kumar Sharma**

Department of Statistics,  
SKN Agriculture University  
Jaipur, Rajasthan



**Dr. Subhash Kumar Yadav**

Associate Professor  
Department of Statistics  
BBAU, Lucknow

## ORGANISING COMMITTEE

### Convenor

Prof. Shivani Srivastava

### Co-Organising Secretaries

Dr. Shweta Bhardwaj  
Dr. Hemlata Pandey  
Dr. Shraddha Dwivedi

### Co-Convenor

Prof. Shalini Srivastava  
Prof. Sharad Kumar Vaish  
Prof. Kanchanlata  
Prof. Rajeev Yadav

### Organising Secretaries

Prof. Sanjay Baranwal  
Prof. Vinita Lal  
Prof. Poonam Verma  
Dr. Sanobar Haider  
Dr. Roshni Singh

### Treasurer

Dr. Rashmi Agrawal  
Dr. Bhaskar Sharma

SCAN & PAY



### Registration Fee

Faculty- Rs. 400  
Research Scholar- Rs. 200  
Students- Rs. 100

### Google Link for Registration

<https://forms.gle/Met1Fr1Uy6n4tZei7>

### Contact Details:

Prof. Shivani Srivastava Mob. No. 8887646985, Dr. Shweta Bhardwaj Mob. No. 7007615642

## ABOUT THE COLLEGE

The basic aim of education is not only enabling learners to earn their livelihood and shaping them into exalted self-reliant citizens by imparting them knowledge but it also concentrates on wider goals of inculcating humanitarian values and physical, mental and spiritual competence in them. Keeping aforesaid mission and vision in its core structure and strength since its establishment Netaji Subhash Chandra Bose Government Girls PG College has been recognized as one of the leading higher education institutions in Uttar Pradesh. The Name and the logo of the college reflect its mission – to provide knowledge in order to Liberate us from ignorance (सा विद्या या विमुक्तये). All of academic, extra-curricular, co-curricular, administrative and infrastructure related tasks are carried out in conformity with the Vision and Mission of the institution. The college is funded and governed by the rules and regulations of the Department of Higher Education, Uttar Pradesh. Being an affiliated college to University of Lucknow it adopts its course curriculum, syllabus, examination and evaluation patterns, and students are conferred degrees from the University.

The foundation stone of the college was laid down by Former Prime Minister of India Bharat Ratna Sri Atal Bihari Vajpayee on 14th April 1997 and it was formally inaugurated on 3rd October 1997 by him. The college adopted its name from Netaji Subhash Chandra Bose, unparalleled freedom fighter of our nation to express its gratitude to him and to instill the feeling of national pride in the students.

## ABOUT THE WORKSHOP

The proposed workshop is based on “Research Methodology”. The workshop aims to provide participants with essential knowledge of sampling techniques, data types, data collection methods, hypothesis testing, and data analysis, including parametric tests and their assumptions. It also focuses on enhancing skills in AI-based literature review, research gap identification, research ethics, referencing and citation management, and effective project proposal formulation for conducting quality research.

## OBJECTIVES

The objective of workshop is to strengthen participants’ research skills by providing knowledge of sampling techniques, data types, data collection methods, hypothesis testing, and data analysis, with special emphasis on parametric tests and their interpretation. It also focuses on literature review using AI and systematic tools, research gap identification, research ethics, referencing and citation management, and effective project proposal formulation.

## OUTCOMES OF THE WORKSHOP

The proposed outcomes of the workshop are:

- To improve understanding of sampling techniques, data types, data collection methods, and hypothesis testing.
- To enhance skills in data preparation, analysis, and interpretation of parametric tests.
- To develop competence in literature review using AI and systematic tools, including research gap identification and ethics.
- To gain hands-on experience in referencing, citation management, and project proposal formulation.

## TARGET AUDIENCE

- Students
- Ph.D. and Post-Doctoral Fellow
- Faculty members seeking to strengthen their research competencies

**Netaji Subhash Chandra Bose Government Girls P G College Aliganj Lucknow**  
**Two -Day National Workshop on 'Research Methodology'**

23<sup>rd</sup>- 24<sup>th</sup> December 2025

Mode: Hybrid

Program Schedule

**Day 1 (23/12/2025) Tuesday**

Date	Time	Session Title	Resource Person	Key Topics	
<b>23<sup>rd</sup> December 2025</b>	09:00-10:00	Registration and Kit distribution			
	10:00-11:00	<i>Inaugural session</i>	Chief guest: <b>Prof. Amit Bhardwaj, Director, Dept. of Higher Education, U.P.</b> Special Guest/Eminent Speaker: <b>Prof. B L Sharma, Assistant Director, Dept. of Higher Education U.P.</b> Special Guest: <b>Prof. Ashwini Kumar Mishra, RHEO Lucknow</b>		
	<i>Session Organizer</i>		Prof. Shivani Srivastava		
	11:00-12:30	<i>Introduction to Research Methodology</i>	<b>Dr. Awadhesh Kumar Singh</b> Professor, Centre for Environment and Sustainable Development, Maharaja Agrasen University, Solan Himanchal Pradesh	<input type="checkbox"/> Meaning, objectives, Types, Research design and significance of research <input type="checkbox"/> Framing research questions and hypothesis <input type="checkbox"/> Project proposal formulation techniques	
	<i>Session Organizer Co-Organizer</i>		Prof. Vinita Lal Dr. Roshni Singh		
	12:30-14:00	<i>Data Collection Methods and Sampling Techniques</i>	<b>Dr. Subhash Yadav</b> Associate Professor, Department of Statistics, BBAU Lucknow	<input type="checkbox"/> Primary and secondary data sources <input type="checkbox"/> Sampling methods <input type="checkbox"/> Questionnaire and interview schedule design <input type="checkbox"/> Data preparation and analysis	
	<i>Session Organizer Co-Organizer</i>		Prof. Rajeev Yadav Prof. Sanjay Baranwal		
	14:00-14:30	<i>Lunch Break</i>			
	14:30-16:00	<i>Statistical Test</i>	<b>Dr. Shailesh Kaushal</b> Associate Professor Department of Management, University of Lucknow	<input type="checkbox"/> Introduction of parametric and Non-parametric tests <input type="checkbox"/> Parametric Tests: Assumption, Analysis and Interpretation	
	<i>Session Organizer Co-Organizer</i>		Dr. Sanobar Haider Dr. Shweta Bhardwaj		
	16:00-18:00	Cultural Evening			

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<b>Day 2 (24/12/2025) Wednesday</b>					
<b>24<sup>th</sup> December 2025</b>	10:00-11:30	<i>Data Analysis and Interpretation</i>	<b>Dr. Manoj Kumar Sharma</b> Department of Statistics, SKN college of Agriculture (SKN Agriculture University), Jaipur Rajasthan	<input type="checkbox"/> Quantitative and qualitative data analysis <input type="checkbox"/> Basic statistical tools <input type="checkbox"/> Introduction to software: SPSS / Excel / R (overview)	
	<i>Session Organizer</i>		Dr. Hemlata Pandey		
	<i>Co-Organizer</i>		Dr. Shraddha Dwivedi		
	11:30-12:00	Tea Break			
	12:00-13:30	Research and Artificial Intelligence	<b>Dr. Zaibun Nisa</b> Department of Commerce, KMC Language University Lucknow	<input type="checkbox"/> Literature Review Using AI and Systematic Tools, Research Gap & Ethics. <input type="checkbox"/> Referencing and Citation Management (Hands-on)	
	<i>Session Organizer</i>		Prof. Sharad Kumar Vaish		
	<i>Co-Organizer</i>		Dr. Rashmi Agrawal		
	13:30-14:00	Lunch Break			
14:00-15:30	<i>Session Organizer</i> Prof. Poonam Verma	Presentation by Participants			
15:30-16:00	Valedictory Session				